

MARIN

ENVIRONMENTAL

June 9, 2000

Mr. Richard Hathaway
Environmental Analyst III
Permitting, Enforcement & Remediation Division
Bureau of Water Management
Department of Environmental Protection
79 Elm Street
Hartford, CT 06106-5127



RDMS DocID 00100147

Pratt & Whitney
CTD990672081
R-9
RDMS# 100147

RE: Response to Comments
Rentschler Field Soil and Ground Water Characterization Work Plan
UConn Football Stadium
East Hartford, CT

Dear Mr. Hathaway:

Marin Environmental, Inc. (Marin) has reviewed comments offered by the Permitting, Enforcement & Remediation Division (PERD) of the Bureau of Water Management in correspondence dated May 24, 2000 relative to the Rentschler Field Soil and Ground Water Characterization Work Plan, dated May 2000. In addition, discussions that occurred during the field walk completed on Thursday, June 1, 2000 have been incorporated into Marin's response to the aforementioned PERD correspondence.

Marin's responses to the PERD comments are as follows:

Section 3.2.2, Stadium Parcel Description:

Ground water and surface water classifications, residential water supply within 500 feet of the site boundaries.

Response:

Mr. Boris Tomicic of Loureiro Engineering Associates, Inc. (LEA) indicated that he would confirm, through review of LEA's existing data base and research documents, that the residents within 500 feet of the site boundaries are connected to public water. Further, the requested information will be submitted under separate cover.

Section 3.3.2, Stadium Parcel Environmental Units, Northern Klondike Area:

Two areas within the North Klondike Environmental Unit, in the vicinity of monitoring wells NK-MW-06 and NK-MW-17S, may require additional characterization.

Response:

Based upon the field walk and correlation of the LEA sample location map, these areas do not require any additional characterization. Mr. Boris Tomicic indicated that documentation will be submitted regarding the amount of soil excavated and removed

SCIENTISTS
ENGINEERS
GIS SPECIALISTS

CONNECTICUT

7 ISLAND DOCK ROAD
HADDAM CT 06438
PHONE 860.345.4578
FAX 860.345.3854
TOLL FREE 1.800.524.9256

MASSACHUSETTS

600 CHARLTON STREET
SOUTHBRIDGE MA 01550
PHONE 508.764.8755
FAX 508.764.4054
TOLL FREE 1.800.676.3707

LAKE SIDE OFFICE PARK
599 NORTH AVENUE SUITE 6-4
WAKEFIELD MA 01880
PHONE 781.246.8897
FAX 781.246.8950
TOLL FREE 1.800.344.1958

NEW HAMPSHIRE

114 SOUTH STATE STREET
PO BOX 1414
CONCORD NH 03302
PHONE 603.224.8871
FAX 603.224.8688
TOLL FREE 1.800.636.6030

VERMONT

73 MILLET STREET
RICHMOND VT 05477
PHONE 802.434.4500
FAX 802.434.6076
TOLL FREE 1.800.520.6065

Satellite Office:

NEW YORK

116 CONSUMER SQ., #174
PLATTSBURGH NY 12901
PHONE 518.566.8297
TOLL FREE 1.800.520.6065

INTERNET:
WWW.MARINENV.COM

Mr. Richard Hathaway, PERD
June 9, 2000
Page 2 of 4

from these excavations as well as the final disposition of the excavated soil under separate cover.

Section 3.3.4, Stadium Parcel Environmental Units, Northern Airport Runway:

Pratt & Whitney should provide additional documentation regarding the use of Rentschler Airport and deicing chemicals applied. Information should be provided regarding the number of flights, identification of deicing chemicals used, and the amounts used per year in the last ten years of airport operation.

Response:

Mr. Boris Tomicic indicated that documentation will be submitted, under separate cover, regarding this information.

Section 5.1.2, Soil and Ground Water Sample Locations:

- Two locations in the topographically high area southeast of proposed monitoring well MW-WL-3, with analyses for total petroleum hydrocarbons (TPH), semi-volatile organic compounds (SVOCs), and PCBs. This mounded area was reportedly used for disposal of parking lot sweepings and construction debris and has been previously sampled for metals and screened for VOCs.

Response:

Two locations are to be sampled to a depth of four feet below ground surface. The borings will be advanced with a hand auger and analyses will include TPH, SVOCs and PCBs.

- Two or more locations in the high area south of proposed monitoring well MW-WL-2 and east of existing monitoring well NK-MW-17S. This high, mounded area is within the filled pond area and has not been sampled previously.

Response:

The high mounded area in question will be characterized as requested. This work will be completed at a later date. Once the schedule has been established, it will be forwarded to your attention.

- One or more locations in the vicinity of former test pit NK-TP-02, with analyses for TPH and VOCs.

Mr. Richard Hathaway, PERD
June 9, 2000
Page 3 of 4

Response:

Mr. Hathaway stated that these samples are not ELUR related, but are requested due to the apparent lack of post-remedial soil sampling along the north wall of NK-TP-02. Two soil borings will be advanced to the water table, approximately 6 feet below grade. One boring will be located along the northern edge of TP-02, the other will be located approximately 10 feet further to the north. The borings are to be advanced with a direct-push type rig. Soil samples will be analyzed for TPH and VOCs.

- One location in a high area approximately 330 feet southeast of existing monitoring well NK-MW-06S.

Response:

During the field inspection, this area was not observed due to the thick underbrush and limited visibility. During the additional field sampling activities, attempts will be made to identify the location of this high area. If the area is identified, one soil sample will be collected with a hand auger to a depth of approximately 4 feet below the top of the area. Analyses will include VOCs, SVOCs, pesticides, herbicides, PCBs, priority pollutant metals, and TPH.

- Collection of a sediment sample from Willow Brook.

Response:

This request was deleted due to the fact that Willow Brook is outside of the Stadium Project area.

Section 5.1.3, Analytical Methodologies, and Table 2:

PCBs should be included as analytes for soil samples collected from proposed borings SB-SFP-1 through 4, and SFP-1D, SFP-2D and SFP-3D within the proposed stadium footprint.

Response:

PCB analyses will be included from within these soil boring locations.

Mr. Richard Hathaway, PERD

June 9, 2000

Page 4 of 4

Section 5.1.9, Ground water Sampling, pg. 21:

A groundwater elevation contour map must be prepared and included in the report documenting the results of the investigation.

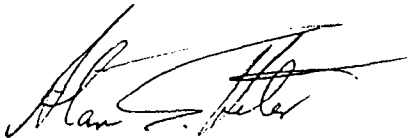
Response:

A ground water contour map will be included in the report. Additionally, as requested, a minimum of one additional round of depth-to-water measurements (i.e., monitoring wells and staff gauges) will be collected during the month of August 2000. From these data, one additional ground water contour map will be generated and submitted under separate cover.

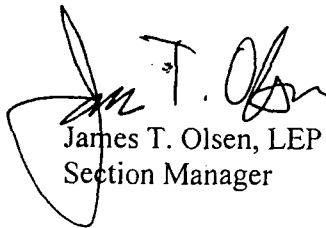
We trust that the responses discussed herein are in agreement with our mutual understanding of the field walk and various telephone conversations. Once the schedule has been established for the additional work, it will be forwarded to your attention. If any questions develop during the review and approval process of the Rentschler Field Soil and Ground Water Characterization Work Plan, please contact our office at you earliest convenience.

Sincerely,

Marin Environmental, Inc.



Alan S. Heter, PG, LEP
Senior Hydrogeologist



James T. Olsen, LEP
Section Manager

- c. Mr. Phillip McLellan, OPM
Mr. James Walsh, Baystate Environmental Consultants, Inc.
Mr. Fred Johnson, United Technologies Corporation
Mr. Lawrence Mowell, Pratt & Whitney
✓ Ms. Lauren Levine, United Technologies Corporation
Ms. Kathleen McFadden, Esq., United Technologies Corporation
Ms. Franca DeRosa, Esq., Brown, Rudnick, Freed & Gesmer